

## **ABSTRACT**

Topic: Treatment of Alzheimer's disease

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Alzheimer's disease is a progressive neurodegenerative disease. Its symptoms are the disorders of memory, speech, executive functions and disorientation. In the terminal stage the patients suffering from this disease are fully dependent on help of other people. Alzheimer's disease is incurable but early diagnosis and consequently started therapy can postpone the heavy stages of the disease and prolong the self – sufficiency of patients. Currently two evidence based methods in the therapy of cognitive disorders are used: – inhibitors of cholinesterase for mild and medium stages of the disease (rivastigmin, donepezil, galantamin) and partial inhibitors of N – methyl – D – aspartate receptors for medium stages of the disease (memantin). Other drugs influencing behaviour and psychological symptoms (antipsychotics, antidepressants and anxiolytics) are also used. Additional medication, use of which is not evidence based, is available. An important part of the therapy are non – farmaceutical methods. Other promising methods are in the stage of clinical testing.